



1 TO WHOM IT MAY CONCERN: —

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3 BE IT KNOWN THAT I, ALEX K. GENDALL, a
4 citizen of the United States of America, residing in
5 Los Angeles, in the County of Los Angeles, State of
6 California, have invented a new and useful improvement
7 in

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10 QUICK ADJUSTMENT BANDANA DEVICE

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BACKGROUND OF THE INVENTION

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SUMMARY OF THE INVENTION

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This invention relates generally to face protecting bandanas, for use by riders of vehicles exposed to dust and dirt, and more particularly to an easily applied bandana quickly adjustable relative to a helmet worn by the riders, for example a motorcyclist.

Vehicle riders whose faces are exposed to on-coming dust and dirt are in need of protection against impact and build-up of such dust and dirt. Also they are in need of face protecting means that is easily and quickly applied and adjusted, for example relative to a helmet which interferes with adjustment of such a protective device. There is need for a face protective device which is comfortable to wear, easily and quickly applied, and readily adjusted, with or without a helmet on.

It is a major object of the invention to provide an improved face protecting bandana device having a construction and operation that meets the above needs, exceptionally well. Basically, the bandana device comprises:

1 a) a generally triangular flexible
2 protective fabric having two upper corners, with
3 opposite sides,
4 b) each upper corner defining an upper
5 horizontal edge and a side edge extending generally
6 normal to said upper edge,
7 c) press-together connection components
8 attached to the bandana, at said corners, one component
9 on one side of the bandana, and another component on
10 the opposite side of the bandana, said components
11 extending proximate said edges,
12 d) whereby when the bandana is applied to
13 the wearer's face and said corners are brought together
14 at the rear of the wearer's neck and below the
15 lowermost rear edge of the helmet, said components are
16 then positioned to be pressed together to retain the
17 bandana tensioned over the wearer's face.

18 Another object is to provide the above device
19 wherein one component carries hook elements and the
20 other component carries pile elements to connect to
21 said hook elements when pressed together. Dangling
22 pointed ends of the bandana are avoided.

23 Another object is to provide the above device
24 that has thickened zones proximate said corners, there
25 being a first base supporting said hook elements, and a
26 second base supporting said pile elements, the first

1 base attached to one of said bandana thickened zones,
2 and the second base attached to the other of said
3 bandana thickened zones. As will be seen, one of the
4 components may typically have face area A_1 and the
5 other of said components has face area A_2 , where
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7 allowing for tightening or loosening adjustment of the
8 bandana, via the press-together components by shifting
9 of the position of A_1 relative to A_2 , and which can be
10 determined without visibility, by finger engagement
11 with bandana edges near A_1 and A_2 .

12 A further object includes provision of the
13 above device wherein said thickened zones have overall
14 thickness equal to at least two layers of the bandana
15 fabric. As will be seen, the thickened zones have
16 special advantage when overall thickness is equal
17 to four layers of the bandana fabric. Further in this
18 regard, the bandana may have foldable triangular
19 upper corner sections forming said corners, to provide
20 thickening as referred to, and generally rectangular
21 upper corners, with upper and side edges as defined,
22 both of these features benefiting positioning and
23 support of the hook and pile elements as well as their
24 use and adjustment functioning.

25 Yet another object is to provide resiliently
26 yieldable or stretchable means attaching at least one

1 of said components to the bandana, whereby the pressed
2 together components may shift position, resiliently,
3 relative to at least one of the bandana corners, when
4 the bandana is tensioned over the wearer's face.

5 The bandana complements the wearing and
6 functioning of a protective helmet by the user, since
7 on-coming dust and dirt swirling into the helmet at or
8 proximate its lower edges cannot reach the face and
9 neck of the rider, which is covered by the quickly
10 adjustable bandana held tightly to the face and neck by
11 the bandana quickly adjusted or adjustable to be
12 tightened by the wearer, as with one hand, as by
13 adjusting the relative positions of the hook and pile
14 components, relative to said helmet lower edges.

15 These and other objects and advantages of the
16 invention, as well as the details of an illustrative
17 embodiment, will be more fully understood from the
18 following specification and drawings, in which:

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DRAWING DESCRIPTION

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22 Fig. 1 is a front elevation showing a
23 preferred bandana device incorporating the invention;

24 Fig. 2 is a section taken on lines 2-2 of

25 Fig. 1;

1 c) press-together connection components 18
2 and 19 attached to the bandana, at said corners, one
3 component on one side of the bandana, and another
4 component on the opposite side of the bandana, said
5 components extending proximate said edges,
6 d) whereby when the bandana is applied to
7 the wearer's face and said corners are brought together
8 at the rear of the wearer's neck 70 and just below the
9 lowermost rear edge 20 of the helmet 21, as seen in
10 Fig. 7, said components are then positioned to be
11 pressed together to retain the bandana tensioned over
12 the wearer's face 22 after position adjustment (see
13 Fig. 5).

14 As shown, one of the components 18 and 19 may
15 preferably include hook elements, and the other
16 component may include pile elements, to interconnect
17 when easily pushed together at the rear of the wearer's
18 neck. This obviates need to tie the bandana corners 12
19 and 13, and includes ease of adjustment by reaching
20 back to adjust the positions of 18 and 19 while the
21 rider is wearing a helmet, for example. Such
22 adjustment ensures exclusion of dust and dirt particles
23 from entering beneath the bandana particularly at the
24 squared off corner regions 12 and 13, held together.
25 See the arrows 25 in Fig. 5 showing path of dust and
26 dirt flow under the helmet forward edge 21a and

1 circulating rearwardly in the helmet to flow downwardly
2 at 25a toward the bandana corners 12 and 13 held
3 together by 18 and 19 against the wearer's rear neck
4 region.

5 Fig. 4 shows that the bandana has thickened
6 zones 27 and 28 formed by folding back the bandana
7 corner material or layers and stitching them in
8 position, and also to form the side edges 17 and 17a
9 that extend generally perpendicularly relative to upper
10 edges 16 and 16b. Such edges orient the user's fingers
11 to enable accurate push together of the hook and pile
12 regions 18 and 19, without viewing them, at the neck
13 rear. Edges 18a and 18b of 18 are generally parallel
14 to 16a and 17a respectively, and edges 19a and 19b of
15 19 are generally parallel to 16 and 17.

16 A first base of support material 18d carries
17 18 and is stitched to the folded corner 13 of the
18 bandana, and a second base of support material 19d
19 carries 19, and is stitched to the folded corner 12 of
20 the bandana. The thickened zones are four layers
21 thick, due to the main area 30 of the bandana having
22 double thickness.

23 It will be noted that component 19 has face
24 area A_1 , and the other component 18 has face area A_2 ,
25 where $A_1 \gg A_2$. This allows for tightening or loosening
26 adjustment of the bandana, as via the press-together

1 components by shifting of the position of A_1 relative
2 to A_2 , in directions 40, seen in Fig. 7.

3 Fig. 8 shows provision for resilient
4 stretchability of the tightened bandana. A layer 35 of
5 elastic material is attached between a bandana corner
6 36 and one of the attached components, such as 18.
7 This allows for stretching of the connection at the
8 wearer's rear neck region, for improved retention of
9 the bandana to the wearer's face, and exclusion of dust
10 and dirt, at neck region 70.

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